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Introduction

The following use cases define the main success scenarios to produce reports and extract data from the SuD. The first use case is a summary of the detail use cases that follow. The use cases assume a single, shared process for data extract and reporting. Once optimization is complete, data tables are produced by the SuD for post-optimization analysis. The post-optimization process makes additions and changes to these tables. It is anticipated that the data tables used for reporting will mirror the data tables used for input to the optimization model with minor additions and changes.

Summary Use Case

Use Case No: FPA01-07

Use Case Name: Report Fire Program Analysis PM

Brief Description: Report analysis results by fire planning unit.

Primary Actor: Local Agency Fire Planner

Preconditions: FPA01-01 through FPA01-06 are completed

Triggers: None identified

Main Success Scenario:

1. Prepare report analysis results by FPU, Agency Unit and/or sub-unit.
2. Query and select data for export to standard budget allocation tools, and other applications.

Policy Recommendations: None

Business Rules: None

Assumptions:

1. A segment of the effectiveness frontier is provided as the budget request.
2. Some of the anticipated reporting requirements include:
 - Summary of Budgeted Resource Costs (Deployment plus Fixed Operating Costs)
 - Summary of Resource Use by non-budgeted and loaned resources
 - Resource use by fire by time period, include replicated resources
 - Final size and number of fires at containment and escape
 - Resources that were not used
 - Resource Use by Resource Owner

FPA System Preparedness Module – UC FPA01-07 Report Fire Program Analysis PM
Working Document

- Costs itemized by overhead, support, program leadership and administration
- Costs itemized for new facilities and equipment
- Escaped fire costs and contained fire costs
- Costs by Agency unit
- Summary of costs by preparedness, emergency suppression and stabilization
- Graph showing the cost effectiveness frontier
- Graph showing costs by preparedness, emergency suppression and stabilization against the effectiveness frontier
- Historic Fires by FMU
- Summary of costs by resource category by budget level

Issues: None

Terms: None

Metadata:

Source:	Requirements Analysis
Author:	Core Team
Date Created:	January 6, 2003
Level:	Business - Detail
Related Use Cases:	FPA01-00 through FPA01-06, FPA01-07-01, FPA01-07-02
Status:	Reviewed by Core Team
Last Update Date:	January 22, 2003

Detail Use Cases

Use Case No: FPA01-07-01

Use Case Name: Report Analysis by FPU and/or Agency

Brief Description: *Report analysis results by Agency Unit and/or subunit.*

Primary Actor: Local Agency Fire Planner

Preconditions: FPA01-01 through FPA01-06 are completed.

Triggers: None identified

Main Success Scenario:

1. Local Agency Fire Planner(s) select standard report for Agency Unit and/or sub-unit.
2. SuD generates report.
3. Local Agency Fire Planner(s) can receive the report in a screen display, hardcopy or export to a file.

Policy Recommendations: None

Business Rules: None

Assumptions: None

Issues: None

Terms: None

Metadata:

Source:	Requirements Analysis
Author:	Core Team
Date Created:	January 6, 2003
Level:	Business - Detail
Related Use Cases:	FPA01-07
Status:	Reviewed by Core Team
Last Update Date:	January 22, 2003

Use Case No: FPA01-07-02

Use Case Name: Export Analysis Data

Brief Description: *Query and select data for export.*

Primary Actor: Local Agency Fire Planner

Preconditions: Use cases FPA01-01 through FPA01-06 are completed.

Triggers: None identified

Main Success Scenario:

1. Local Agency Fire Planner(s) identify the data to export and chooses a format.
2. The SuD extracts the data and creates an export file in the chosen format.

Alternate Flow of Events

- 1a Local Agency Fire Planner(s) export data to FPA National Database.
 - 1a 1 SuD extracts the data from a predefined extract routine and populates the national database.

Policy Recommendations: None

Business Rules: None

Assumptions: None

Issues: None

Terms: None

Metadata:

Source:	Requirements Analysis
Author:	Core Team
Date Created:	January 6, 2003
Level:	Business - Detail
Related Use Cases:	FPA01-07
Status:	Updated by M. Tae
Last Update Date:	January 14, 2003